

**Box No. VIII (iv) DECLARATION: INVENTORSHIP** (only for the purposes of the designation of the United States of America)

The declaration must conform to the standardized wording provided for in Section 214; see Notes to Boxes Nos. VIII, VIII (i) to (v) (in general) and the specific Notes to Box No. VIII (iv). If this Box is not used, this sheet should not be included in the request.

**Declaration of Inventorship (Rules 4.17(iv) and 51bis.1(a)(iv))  
for the purposes of the designation of the United States of America:**

I hereby declare that I believe I am the original, first and sole (if only one inventor is listed below) or joint (if more than one inventor is listed below) inventor of the subject matter which is claimed and for which a patent is sought.

This declaration is directed to the international application of which it forms a part (if filing declaration with application).

This declaration is directed to international application No. PCT/..... (if furnishing declaration pursuant to Rule 26ter).

I hereby declare that my residence, mailing address, and citizenship are as stated next to my name.

I hereby state that I have reviewed and understand the contents of the above-identified international application, including the claims of said application. I have identified in the request of said application, in compliance with PCT Rule 4.10, any claim to foreign priority, and I have identified below, under the heading "Prior Applications," by application number, country or Member of the World Trade Organization, day, month and year of filing, any application for a patent or inventor's certificate filed in a country other than the United States of America, including any PCT international application designating at least one country other than the United States of America, having a filing date before that of the application on which foreign priority is claimed.

Prior Applications:	Date (day/month/year)	Number	Country (or regional Office)
	23 Sept. 2002	60/412719	US.

I hereby acknowledge the duty to disclose information that is known by me to be material (patentability as defined by 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the PCT international filing date of the continuation-in-part application).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both under Section 1001 of Title 18 of the United States Code and such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name: . NAKAS, James P.

Residence: . LAFAYETTE, NY  
(city and either US state, if applicable, or country)

Mailing Address: . 2390 RT. 11A  
. LAFAYETTE, NY 13084

Citizenship: . US

Inventor's Signature: *James P. Nakas*

Date: *9/22/2003*

(If not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)

(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

Name: . TANENBAUM, Susan W.

Residence: . MANLIUS, NY  
(city and either US state, if applicable, or country)

Mailing Address: . 7472 ARMSTRONG ROAD  
. MANLIUS, NY 13104

Citizenship: . US

Inventor's Signature: *S.W. Tanenbaum*

Date: *9/22/03*

(If not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)

(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

☒ This declaration is continued on the following sheet, "Continuation of Box No. VIII (iv)".

Continuation of Box No. VIII (i) to (v) **DECLARATION**

If the space is insufficient in any of Boxes Nos. VIII(i) to (v) to furnish all the information, including in the case where more than one inventor are to be named in Box No. VIII (iv), in such case, write "Continuation of Box No. VIII ..." (indicate the item number of the Box) and furnish the information in the same manner as required for the purposes of the Box in which the space was insufficient. If additional space is needed in respect of two or more declarations, a separate continuation box must be used for each such declaration. If this Box is not used, this sheet should not be included in the request.

## Continuation of Box No. VIII (iv)

Name: . KENNAN, THOMAS

Residence: . LIVERPOOL, NY

(city and either US state, if applicable, or country)

Mailing Address: . 4926 DAHLIA CIRCLE

. LIVERPOOL, NY 13088

Citizenship: . US

Inventor's Signature: .

Thomas M. Kennan Date: . November 7, 2003 . . . . .

# PCT POWER OF ATTORNEY

(for an international application filed under the Patent Cooperation Treaty)

(PCT Rule 90.4)

The undersigned applicant(s) (Names should be indicated as they appear in the request):

NAKAS, James P.  
2390 RT. 11A  
LAFAYETTE, NY 13084  
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TANENBAUM, Stuart W.  
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MANLIUS, NY 13104  
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KEENAN, Thomas  
20 BARTHOLF ROAD  
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US

heraby appoints (appoint) the following person as: ☒ agent ☐ common representative

**Name and address**

(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

HOFFMAN, Michael F., Reg. No. 40,019  
WARNICK, Spencer K., Reg. No. 40,398  
D'ALESSANDRO, Ronald A., Reg. No. 42,456  
LABATT, John W., Reg. No. 48,301  
MERECKI, John A., Reg. No. 35,812  
Hoffman, Warnick & D'Alessandro LLC  
Three E-Comm Square  
Albany, NY 12207  
US

to represent the undersigned before ☒ all the competent International Authorities  
☐ the International Searching Authority only  
☐ the International Preliminary Examining Authority only

in connection with the international application identified below:

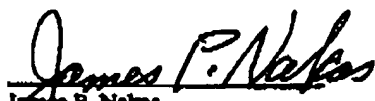
Title of the invention: **BIOCONVERSION OF XYLAN AND LEVULINIC ACID TO  
BIODEGRADABLE THERMOPLASTICS**

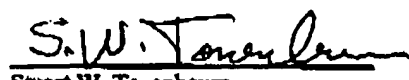
Applicant's or agent's file reference: **R1345-210**

International application number (if already available):

filed with the following Office United States Patent and Trademark Office (RO/US) as receiving Office and  
to make or receive payments on behalf of the undersigned.

Signature of the applicant(s) (where there are several applicants, each of them must sign; next to each signature, indicate the name of the person signing  
and the capacity in which the person signs, if such capacity is not obvious from reading the request or this power):

  
James P. Nakas  
Date: 9/22/2003

  
Stuart W. Tanenbaum  
Date: 9/22/03

\_\_\_\_\_  
Thomas Keenan  
Date: \_\_\_\_\_

# PCT POWER OF ATTORNEY

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MANITUS, NY 13104  
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KEENAN, Thomas  
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Albany, NY 12207  
US

to represent the undersigned before

- ☒ all the competent International Authorities  
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☐ the International Preliminary Examining Authority only

in connection with the international application identified below:

Title of the invention: **BIOCONVERSION OF XYLAN AND LEVULINIC ACID TO  
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Applicant's or agent's file reference: **R1345-210**

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and the capacity in which the person signs, if such capacity is not obvious from reciting the request or this power):

James P. Nakas

Stuart W. Tanenbaum

Thomas Keenan

Date:

Date:

Date: November 7, 2003